

METHOD AND APPARATUS TO ENSURE  
INTRINSICALLY SAFE OPERATION OF A COMMUNICATION DEVICE

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## ABSTRACT OF THE DISCLOSURE

Intrinsically safe operation (100, 200) of a communication device (202) and a peripheral device (204) coupled thereto is provided. By storing communication device type certification parameters within the communication device (202) and storing peripheral device type certification parameters within the peripheral device (204), the communication device can determine (110) whether the peripheral device is intrinsically compatible (108) with the communication device and restrict operation (114, 116, 118) of either device as needed.

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